ODNI/CIO-2010-0312

MEMORANDUM FOR: Distribution

SUBJECT: Approval of XML Data Encoding Specification for Information
                    Security Marking Metadata Version 3

REFERENCES: A. Intelligence Community Directive (ICD) 500, DNI Chief
                    Information Officer
                    B. Intelligence Community Directive (ICD) 501, Discovery and
                    Dissemination or Retrieval of Information within the IC
                    C. Intelligence Community Directive (ICD) 710, Classification and
                    Control Markings System
                    D. Intelligence Community Directive (ICD) 206, Sourcing
                    Requirements for Disseminated Analytic Products
                    E. Intelligence Community Directive (ICD) 208, Write for
                    Maximum Utility
                    F. Intelligence Community Policy Memorandum (ICPM) 2007-200-2

1. This Technical Specification supports Director of National Intelligence (DNI) policy guidance set forth in the above References which call upon the Intelligence Community Chief Information Officer (IC CIO) to establish, coordinate, and promulgate common enterprise standards, protocols, interfaces, or procedures required to support IC information sharing strategies and intelligence mission objectives established in relevant law, policy, and directives. Under this authority, version 3 of the *XML Data Encoding Specification for Information Security Marking Metadata* is hereby approved as an IC technical data specification suitable for use by IC elements and other interested parties with electronic information security marking requirements.

2. The Office of the IC CIO facilitates one or more IC-wide collaboration and coordination forums charged with the adoption, modification, development, and governance of IC technical data specifications of common concern. The *XML Data Encoding Specification for Information Security Marking Metadata Version 3* is the product of these forums and is deemed technically sound, supportive of IC mission objectives, and available for use without risk of further modification.

3. The *XML Data Encoding Specification for Information Security Marking Metadata Version 3 (aka, ISM.XML.V3)* defines an Extensible Markup Language (XML) encoding for information security marking metadata in compliance with the *Intelligence Community Abstract Data*

SUBJECT: Approval of XML Data Encoding Specification for Information Security Markings, Version 3

Definition. This Data Encoding Specification defines the XML elements and attributes, associated structures and relationships, mandatory and cardinality requirements, permissible values, and constraint rules for representing information security markings using XML.

4. The *XML Data Encoding Specification for Information Security Marking Metadata* is used by the *XML Data Encoding Specification for Intelligence Publications*, the *DoD Discovery Metadata Specification (DDMS)*, the *Universal Core (UCore)* specification, and the *National Information Exchange Model (NIEM)*. Version 2 of this specification was titled *XML Data Encoding Specification for Information Security Marking Metadata Version 2 (ISM.XML.V2)* and was signed by the IC CIO on 7 May 2010.

5. The *XML Data Encoding Specification for Information Security Marking Metadata Version 3* is approved for submission to the IC Enterprise Standards Baseline (aka, the Intelligence Community Standards Registry), which serves as the collection of enterprise standards against which programs will be assessed for IC enterprise architecture compliance. Specific applicability and usage guidance for this version will be provided in the baseline citation once approved. This specification will also be available at DNI-sponsored web sites and in approved repositories.
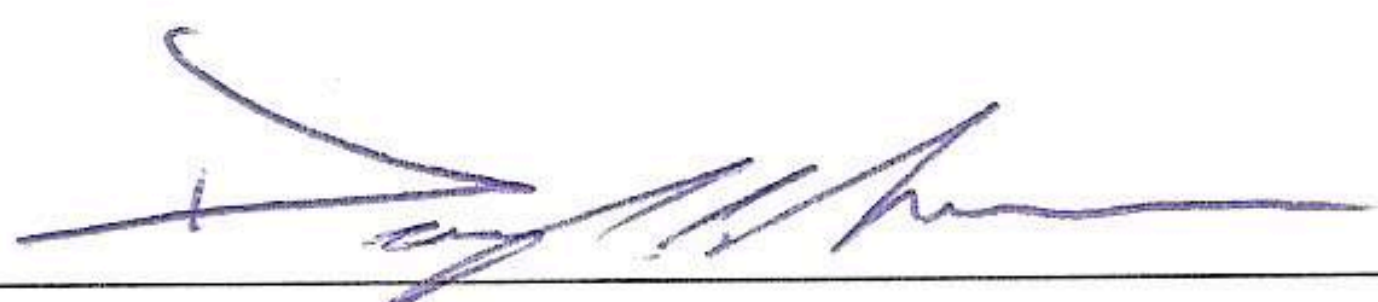
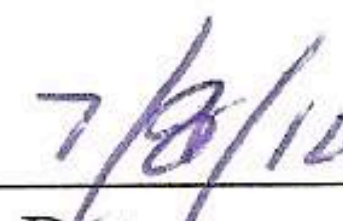6. This Technical Specification becomes effective on the date of signature.

_____   7/8/10
Susan D. Jaxel   Date
Deputy Associate DNI for IC Enterprise Architecture (Acting)

_____   7/8/10
Douglas P. McGovern   Date
Deputy Associate DNI for IC Information Integration Oversight and Engineering

SUBJECT: Approval of XML Data Encoding Specification for Information Security Markings, Version 3

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